

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141817 Mode: Highway Status: Submitted

(Lindell Road)

From/Cross Street: Friendly Avenue Specific Improvement Type: 10 - Improve Intersection

To: Project Category: Division Needs

Length: 0.5

Fully Funded in Draft STIP? No

Cost to NCDOT: \$233,000

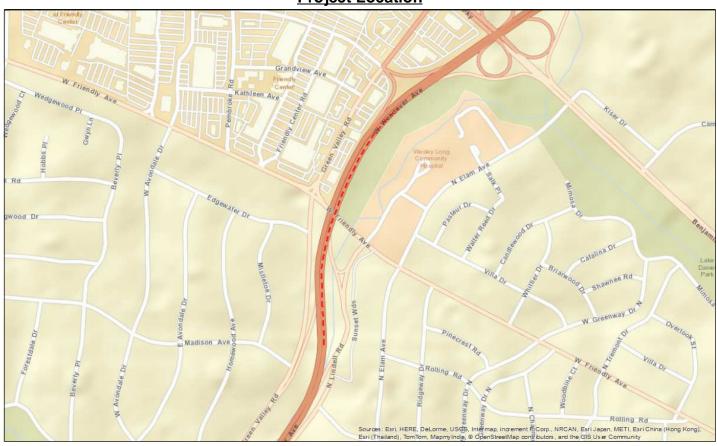
Description:

Widen Lindell Road (Wendover off ramp) to include a 2nd left turn lane.

Division(s): Division 7 **County(s):** GUILFORD

MPOS(s)/RPO(s): Greensboro Urban Area MPO

Project Location



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(Lindell Road) SPOT ID H141817

Statewide I	Mobility Total	al Score: 0
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		MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact To	otal Score: (J
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Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 75.47

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%)	78.21 83.35 69.95	Percent: 25% Points: 50	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Scor	e: 37.97		

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Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 45 0.5 Length (miles); Freeway Facility Type: Full Access Control: Functional Classification: Other Principal Arterial-Other Freeway Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: 0 Roadway has Curb & Gutter? Yes Volume (AADT): 47027 47500 Capacity: Volume/Capacity Ratio: 0.99 % Autos: 98% % Trucks: 2% Truck Volume: 888.29 0 Crash Density: Crash Severity: 0 0 Critical Crash Rate: Crash Frequency: 100 66.7 Severity Index: County Tier Designation: 2 Non-Interstate STRAHNET No Route? Average Commuting Time: 14 Existing Median Type (for Divided Cost Estimation): Pavement Condition Rating: 83 Actual Congested Speed: 47.82 Travel Time Index: 0.94

Project Benefits

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial- Other Freeway
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	735000
Travel Time Savings for 30 Years (Autos):	721116.67
Travel Time Savings for 30 Years (Trucks):	13883.33
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Greensboro Urban Area MPO

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 7	100%	0	50
	0%	0	0
	0%	0	0
TOTAL Division Points		0	50

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greensboro Urban Area MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$188,000	Cost Estimation Tool
Right-of-Way Cost:	\$45,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$233,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$233,000	

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